



AECOM  
303 E. Wacker Drive, Suite 900  
Chicago, Illinois 60601

312-938-0300 tel  
312-938-1109 fax

May 15, 2012

Mr. James Cazares  
233 E Ontario, LLC.  
233 East Ontario Street  
Chicago, IL 60611

RE: Radiological Survey of Sidewalk Removal  
Permit No.: 259456727  
Permit Address: 233 East Ontario Street  
AECOM Project No. 60268009

Dear Mr. Cazares:

Pursuant to conditions specified in a permit (see attached) issued by the City of Chicago Department of Public Health (CDPH), radiation monitoring was required to be performed at the above referenced site. AECOM Technical Services, Inc. (AECOM) provided the required radiation surveillance completed on April 30, 2012 for removal and replacement of an existing sidewalk area.

Surveying was performed for the soil under a 20-foot by 35-foot sidewalk area along East Ontario Street (see sketch). The monitoring revealed no indication of soils above the specified clean-up value established by the U. S. Environmental Protection Agency (USEPA) for the Streeterville area of Chicago. The USEPA clean-up value for Chicago's Streeterville area is 7.1 picocuries per gram (pCi/g total radium (Ra-226 + Ra-228)).

Gamma radiation count measurements for the project were made using Ludlum Model 2221 survey meter and an unshielded 2 x 2 inch NaI probe (Model 44-10). For the instrument used, the gamma count threshold equivalent to the 7.1 pCi/g clean-up value was 20,356 counts per minute (cpm) unshielded (7,567 cpm shielded). The field gamma background for the area was measured at approximately 6,600 cpm unshielded. The field gamma measurements for the soil under the removed sidewalk did not exceed the respective field instrument threshold values previously stated and ranged from a minimum of 6,200 cpm to a maximum of 8,200 cpm unshielded. Thus, there was no indication of the presence of radiologically-contaminated material and/or an exceedance of the USEPA cleanup value of 7.1 pCi/g total radium.

As part of the permit conditions this letter has been forwarded to:

Chicago Department of Public Health  
Attention: Ms. Rahmat Begum  
333 South State Street, Rm. 200  
Chicago, Illinois 60604

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Please contact us with any questions you have regarding this letter or the reported results.

Regards,



Joshua J. Rowe  
Project Scientist II



Steven C. Kornder, Ph.D.  
Senior Project Geoscientist

cc: Rahmat Begum, Chicago Department of Public Health  
Verneta Simon, USEPA

Attachments: Permit  
Sketch



DEPARTMENT OF PUBLIC HEALTH
CITY OF CHICAGO

FORM NO. CDPH.PRPTY.02

Notice is hereby given that the site you have requested a permit for is recorded with the City of Chicago Department of Public Health (CDPH) as potentially having environmental contamination on the site. This environmental contamination could present a threat to human health and safety in connection with work performed at the site, if proper safeguards are not employed.

A file containing detailed information regarding the aforementioned environmental contamination is available for review at CDPH at 33 N. LaSalle St., Suite LL-120, Chicago, Illinois 60602 during normal business hours (8:30AM-4:30PM, Monday through Friday). Contact (312) 744-3152 for an appointment. This file must be reviewed and the remainder of this form completed before the permit can be issued if the ground is exposed or excavated. Please note that for some locations, additional health and safety procedures may be required by law.

Please complete the following:

I have reviewed and understand the documents, maintained by CDPH, regarding environmental contamination of the site. Further, I will ensure that all work at the subject site, and any monitoring required including but not limited to radiation monitoring, will be performed in a manner that is protective of human health and the environment and in compliance with all applicable local, state, and federal laws, rules, and regulations, especially those pertaining to worker safety and surveying conducted shall be provided to CDPH and the United States Environmental Protection Agency within two (2) weeks of their completion. If any elevated levels of radioactive material are detected, I will immediately contact the United States Environmental Protection Agency at (800) 424-8802.

Applicant Name (print): James Cayares Signature: [Handwritten Signature]

Site Address and Work Location (Describe exact site location and attach map): 233 E Ontario, Chicago IL 60611

Nature of Work: Pomae Replae sidewalk

Company Name, Address, Phone No.: Ace Concrete Construction 847-679-4155

General / Prime Contractor Name, Address, Phone No.: Carmen Corp 847-809-8515

Include subcontractor information if applicable Safety Officer / Phone No.: James CAZARES 847-809-8515

Radiation Contractor / Phone No. (if applicable) AECOM 847-279-2448 (steve)

Check if City Department Work [ ] Department Name: CDOT

CDOT Permit No. or Developer Services No.: 259456727

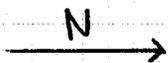
Today's Date: 4/10/12 Expected Start Date: 4/17/12 CDPH Approval / Date [Handwritten Signature] 4/11/2012

Please return this completed form to the Chicago Department of Public Health at 33 N. LaSalle St., LL120, Chicago, Illinois 60602 during normal business hours (8:30 AM - 4:30 PM, Monday through Friday)

For CDPH Use Only

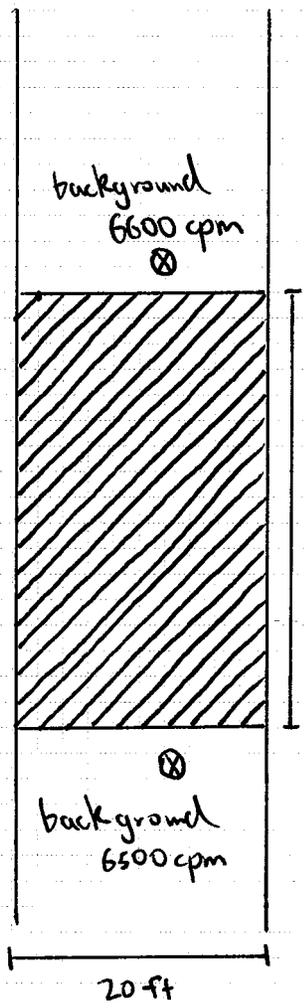
JOB TITLE 233 E Ontario  
 JOB NO. 60268009 CALCULATION NO. 1  
 ORIGINATOR Joshua Rowe DATE 5/4/12  
 REVIEWER Steve Kornder DATE 5/15/12  
 SCALE not to scale SHEET NO. 1 OF 1

Meter SIN 172039  
 cut off 20,356 cpm unshielded



sidewalk

site



Depth	Counts per Minute
6" under concrete	concrete 8200